

ABSTRACT OF THE DISCLOSURE

Between a transmitting device and a receiving device,  
a first authentication and key exchange procedure depending  
5 on a radio link layer network is carried out, and then a  
whole or a part of a second authentication and key exchange  
procedure depending on the copyright protected contents  
data is carried out by using the cipher communication using  
a first encryption key that is shared between the  
10 transmitting device and the receiving device by the first  
authentication and key exchange procedure, so that the  
contents data transfer by the cipher communication using a  
second encryption key can be carried out only between  
legitimate pair of the transmitting device and the  
15 receiving device that can successfully complete the first  
authentication.

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